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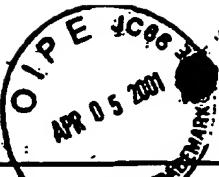


SHEET 1 OF 2

<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>		ATTY. DOCKET NO. 21200-711		SERIAL NO. <b>RECEIVED</b> 09/684,742 APR 09 2001		
		APPLICANT David C. Gelvin, et al.		Technology Center 2600		
		FILING DATE October 4, 2000		GROUP 2661 <b>RECEIVED</b> APP 10 2001		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED DATE
	5,732,074	3/24/98	Spaur, et al.	370	313	1/16/96
<b>FOREIGN PATENT DOCUMENTS</b>						
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						YES
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
	S. Natkunanathan, et al., "A Signal Search Engine for Wireless Integrated Network Sensors", ASFL Annual Symposium, March 2000, pgs. 1-4					
	Michael J. Dong, et al., "Low Power Signal Processing Architectures for Network Microsensors", 1997 International Symposium on Low Power Electronics and Design; Digest of Technical Papers (1997) pgs. 173-177.					
	Tsung-Hsien Lin, et al., "CMOS Front End Components for Micropower RF Wireless Systems", Proceedings of the 1998 International Symposium on Low Power Electronics & Design, pp. 11-15, August 1998					
	G. Asada, et al., "Wireless Integrated Network Sensors: Low Power Systems on a Chip", Proceedings of the 1998 European Solid State Circuits Conference (ESSCIRC), pp. 1-8 The Hague, The Netherlands, September 22-24, 1998.					
	Gregory J. Pottie, R&D Quarterly and Annual Status Report for AWAIRS, pp. 1-28; January 1, 1999-April 31, 1999					
	Gregory J. Pottie, et al., "Wireless Integrated Network Sensors: Towards Low Cost and Robust Self-Organizing Security Networks, SPIE Conference on Sensors, C31, Information and Training Tech. for Law Enforcement, Boston, MA.; pp. 1-10; November 3-5, 1998					
EXAMINER	DATE CONSIDERED  5/20/01					

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SHEET 2 OF 2

<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>	ATTY. DOCKET NO.	SERIAL NO.
	21200-711	09/684,742
	APPLICANT	David C. Gelvin, et al.
	FILING DATE	GROUP
	October 4, 2000	2661

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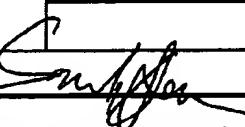
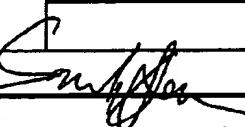
**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Loren P. Clare, et al., "Self-Organizing Distributed Sensor Networks", SPIE 13 <sup>th</sup> . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, UGS Technologies and Applications Conference, Orlando, Florida; pp. 1-9; April 5-9, 1999.
	J. Agre, et al., "Autoconfigurable Distributed Control Systems", Proceedings of the 2 <sup>nd</sup> . International Symposium on Autonomous Decentralized Systems (ISADS 95), Phoenix, Arizona; pp. 1-8; April 25-27, 1995
	Jonathan R. Agre, et al., "Development Platform for Self-Organizing Wireless Sensor Networks", SPIE 13 <sup>th</sup> . Annual Symposium on Aerosense/Defense Sensing, Simulation and Controls, Unattended Ground Sensor Technologies and Applications Conference, Orlando, Florida; pp. 1-12; April 5-9, 1999.
	
EXAMINER 	DATE CONSIDERED 3/20/01

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 <b>INFORMATION DISCLOSURE CITATION</b> <b>PTO-1449</b>	ATTY. DOCKET NO.	SERIAL NO.
	21200-711	09/684,742
	APPLICANT David C. Gelvin, et al.	
	FILING DATE 10/4/2000	GROUP 2661

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	6,208,247	3/27/2001	Agre, et al.	340	539	8/18/98
A	4,520,674	6/4/85	Canada, et al.	73	660	11/14/83
A	4,649,524	3/10/87	Vance	367	13	8/22/83
A	4,812,820	3/14/89	Chatwin	340	518	7/23/86
A	4,855,713	8/8/89	Brunius	340	506	10/7/88
A	4,951,029	8/21/90	Severson	340	506	2/16/88
A	5,241,542	8/31/93	Natarajan, et al.	370	95.3	8/23/91
A	5,247,564	9/21/93	Zicker	379	40	10/24/90
A	5,295,154	3/15/94	Meier, et al.	375	1	5/3/93
A	5,428,636	6/27/95	Meier	375	202	5/7/93
A	5,475,687	12/12/95	Markkula, Jr., et al.	370	85.1	7/27/93
A	5,553,076	9/3/96	Behtash, et al.	370	95.3	5/2/94
A	5,659,195	8/19/97	Kaiser, et al.	257	415	6/8/95

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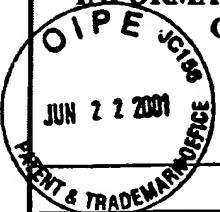
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Ann Bhatnagar, et al., "Layer Net: A New Self-Organizing Network Protocol"; 1990 IEEE Military Communications Conference, Monterey, CA., September 30 thru October 3; pgs. 845-849.					
	Norman Abramson, "The Throughput of Packet Broadcasting Channels", IEEE Transactions on Communications, Vol. Com-25, No. 1, January 1977, pgs. 117-128.					
	C. David Young, "USAP: A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Milcom 96 Conference Proceedings, October 22-24, 1996, pgs. 235-239.					
	G. Asada, et al."Low Power Wireless Communication and Signal Processing Circuits for Distributed Microsensors", Proceedings of 1997 IEEE International Symposium on Circuits and Systems; June 9-12, 1997, Hong Kong, pgs. 2817-2820.					
	K. Bult, et al."Low Power Systems for Wireless Microsensors", 1996 International Symposium on Low Power Electronics and Design; pgs. 17-21.					

EXAMINER	DATE CONSIDERED
<i>Spa</i>	<i>5/20/04</i>

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<b>INFORMATION DISCLOSURE CITATION</b>   <b>PTO-1449</b>	ATTY. DOCKET NO. 21200-711	SERIAL NO. 09/684,742	<b>RECEIVED</b>
	APPLICANT David C. Gelvin, et al.	JUN 26 2001	
	FILING DATE 10/4/2000	GROUP Technology Center 2600	

**U.S. PATENT DOCUMENTS**

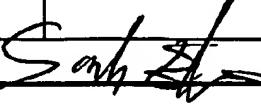
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
X	5,726,911	3/10/98	Canada, et al.	364	550	8/22/96
X	5,852,351	12/22/98	Canada, et al.	318	490	8/20/97
X	5,854,994	12/29/98	Canada, et al.	702	56	8/23/96
X	5,907,491	5/25/99	Canada, et al.	364	468.15	4/4/97

**FOREIGN PATENT DOCUMENTS**

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						YES	NO
						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Anthony Ephremides, et al. "A Design Concept for Reliable Mobile Radio Networks with Frequency Hopping Signaling"; Proceedings of the IEEE, Vol. 75, No.1, January 1987; pgs. 56-73
	K. Bult, et al., "Wireless Integrated Microsensors"; Solid-State Sensor and Actuator Workshop, Hilton Head South Carolina, June 3-6, 1996, pgs. 205-210.
	C. David Young, "A Unifying Dynamic Distributed Multichannel TDMA Slot Assignment Protocol", Rockwell International Working Paper, October 25, 1995, pgs. 1-29.
	Tsung-Hsien Lin, et al, "Wireless Integrated Network Sensors (WINS) for Tactical Information Systems", Rockwell Science Center, Thousand Oaks, January 1998, pgs. 1-6.
	Michael J. Dong, et al."Low Power Signal Processing Architectures for Network Microsensors"; University of California, Los Angeles, ISLPED 97, International Symposium on Low Power Electronics and Design, January 1998, pgs. 1-5.

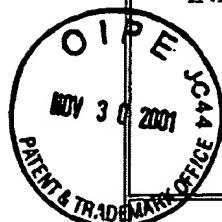
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**INFORMATION DISCLOSURE CITATION**

 Form PTO-1449 (Modified)  
 (Use several sheets if necessary)

 ATTY. DOCKET NO.  
 37302.8011

 SERIAL NO.  
 09/684,742

**APPLICANT**
*Gelvin, et al.*

 FILING DATE  
 October 4, 2000

 GROUP  
 2661

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
1	5,745,759	04/28/98	Hayden and Burgener			
1	5,737,529	04/07/98	Dolin, Jr., et al.			
1	5,794,164	08/11/98	Beckert, et al.			
X	6,009,363	12/28/99	Beckert, et al.			RECEIVED
4	6,028,537	02/22/00	Suman, et al.			DEC 06 2001
4	6,144,905	11/07/00	Gannon			Technology Center 2600
4	6,145,082	11/07/00	Gannon, et al.			
4	6,175,789	01/16/01	Beckert, et al.			
4	6,181,994	01/30/01	Colson and Alewine			RECEIVED
4	6,185,491	02/06/01	Gray and Chu			DEC 10 2001
4	6,202,008	03/13/01	Beckert, et al.			Group 2100
4	6,246,935	06/12/01	Buckley			

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1	0814393	12/29/97	Europe			
1	19743137	04/01/99	Germany			
1	9917477	04/08/99	PCT			
1	2,245,963	2/26/00	Canada			
1	0054237	09/14/00	PCT			

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1	Asada, G., et al., "Wireless Integrated Network Sensors (WINS)" PROCEEDINGS OF THE SPIE, SPIE, Bellingham, VA 3673:11-18 (1999).
1	Lohle, H., et al., "Bordermaster 2000- An Advanced Border Surveillance System", ELECTRICAL COMMUNICATION, Alcatel, Brussels, BE 153-158 (1994).

 EXAMINER *[Signature]*

DATE CONSIDERED

*3/26/04*

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 <b>PTO-1449 (Modified)</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>	<b>ATTY. DOCKET NO.</b> <b>SENS.P011</b>	<b>APPLICATION NUMBER</b> <b>09/684,742</b>
	<b>APPLICANT</b> <b>Gelvin, et al.</b>	
	<b>FILING DATE</b> <b>October 4, 2000</b>	<b>GROUP ART UNIT</b> <b>2661</b>

## **U.S. PATENT DOCUMENTS**

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JAN 10 2003

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

- K. Sohrabi, J. Gao, V. Ailawadhi, G. Pottie, "A Self-Organizing Wireless Sensor Network," Proc. 37<sup>th</sup> Allerton Conf. On Comm., Control, and Computing, Monticello, IL, Sept. 1999.

D.J. Baker and A. Ephremides, "The Architectural Organization of a Mobile Radio Network via a Distributed Algorithm," IEEE Transactions on Communications, Vol. Com-29, No. 11, Nov. 1981, pp. 1694-1701.

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M. Gerla and J. Tzu-Chieh Tsai, "Multichuster, Mobile, Multimedia Radio Network," ACM-Baltzer Journal of Wireless Networks, Vol. 1, No. 3, pp.255-265, 1995.

C. R. Lin and M. Gerla, "Adaptive Clustering for Mobile Wireless Networks."



5/20/04



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Method for internetworked hybrid wireless integrated network sensors (WINS)
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Application Number: 09/684742 

Confirmation Number: 1719

First Named Applicant: David Gelvin

Attorney Docket Number: SENS.P011

Art Unit: 2661

Search string: ( 5760530 ).pn.

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DEC 15 2003

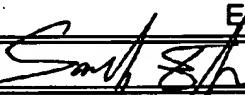
Technology Center 2100

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
X	1	5760530	1998-06-02	Kolesar			

### Signature

Examiner Name	Date
	5/26/04